

RE: JEM based on Arithmetic Mean - question about SC samples

Hilbert, Timothy (hilbertj) to: Kopylev.Leonid.Benson.Bob

09/28/2012 07:36 AM

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To:

Cc: Bill Brattin <brattin@srcinc.com>, DeVoney.Danielle@epamail.epa.gov, Berry.David@epamail.epa.gov, Christensen.Krista@epamail.epa.gov, Bateson.Thomas@epamail.epa.gov

For the 24 samples....the IH measurement has a note that say 100% SC meaning they were running only SC vermiculite on the lines at the time of the sample. Other notes might say 50% Libby 50% African. So the % in this case does not mean to imply what was used for the whole year, just at the time of the sample.

Tim

From: Leonid Kopylev [mailto:Kopylev.Leonid@epamail.epa.gov]

Sent: Friday, September 28, 2012 9:01 AM

To: Bob Benson

Cc: Bill Brattin; Danielle DeVoney; David Berry; Hilbert, Timothy (hilbertj); Krista Christensen; Thomas Bateson

Subject: Re: JEM based on Arithmetic Mean - question about SC samples

Bob,

thanks for clarifying.

1) Does this mean that these 24 samples were collected in 1957/58, as from reading assessment, these are the only years when 100% SC was used. That would be worth specifying, as there is no other data before 1972.

2) Also, while assessment refers to McDonald 1988, it may be helpful to quote it on SC PCM data, as summarized in their paper.

3) I am not sure about the following statement (page 5-41 of pdf) "This result is consistent with data comparing South Carolina and Libby ores from samples tested in 1982 (U.S. EPA, 2000d)".

Correct me if I am wrong, but US EPA 2000d did not analyze ore, it seem to analyze finished products (Vermiculite). Finally, results of this analysis are quite ambiguous in terms of tremolite (Table 2), given that these samples were legally bought in late 1990s.

Leonid

▼ Bob Benson---09/27/2012 07:34:19 PM---These 24 samples were IH samples from Marysville when 100% SC ore was being used. We were unable to

From: Bob Benson/R8/USEPA/US

To: Leonid Kopylev/DC/USEPA/US@EPA

Cc: "Bill Brattin" <brattin@srcinc.com>, Danielle DeVoney/DC/USEPA/US@EPA, David Berry/R8/USEPA/US@EPA, Krista

Christensen/DC/USEPA/US@EPA, Thomas Bateson/DC/USEPA/US@EPA, HILBERTJ@UCMAIL.UC.EDU

Date: 09/27/2012 07:34 PM

Subject: Re: JEM based on Arithmetic Mean - question about SC samples

These 24 samples were IH samples from Marysville when 100% SC ore was being used.

We were unable to get a sample of SC ore to test by TEM as described in the appendix that David Berry authored..

-----Leonid Kopylev/DC/USEPA/US wrote: -----

To: Bob Benson/R8/USEPA/US@EPA

From: Leonid Kopylev/DC/USEPA/US

Date: 09/27/2012 01:25PM

Cc: brattin@srcinc.com, Danielle DeVoney/DC/USEPA/US@EPA, David Berry/R8/USEPA/US@EPA, HILBERTJ@UCMAIL.UC.EDU, Krista Christensen/DC/USEPA/US@EPA, Thomas Bateson/DC/USEPA/US@EPA

Subject: Re: JEM based on Arithmetic Mean - question about SC samples

Bob,

Sorry if I missed it earlier, but page 8 of the memo does discuss 24 samples from South Carolina. However, the assessment says that EPA was unable to obtain an ore sample from South Carolina.

Had these samples been obtained after the assessment?

Thanks,

Leonid

Bob Benson---09/21/2012 11:05:12 AM---Attached is the Region and UC recommended procedure for developing the Marysville Job Exposure Matix

From: Bob Benson/R8/USEPA/US

To: Thomas Bateson/DC/USEPA/US@EPA, Krista Christensen/DC/USEPA/US@EPA, Leonid Kopylev/DC/USEPA/US@EPA, Danielle DeVoney/DC/USEPA/US@EPA, David

Berry/R8/USEPA/US@EPA, brattin@srcinc.com, HILBERTJ@UCMAIL.UC.EDU

Date: 09/21/2012 11:05 AM

Subject: JEM based on Arithmetic Mean

Attached is the Region and UC recommended procedure for developing the Marysville Job Exposure Matix based on the arithmetic mean of the IH data. Please review.

A conference call to discuss is Sept 27, 1:00 PM (EDT) [11:00 am, MDT]. At the call I will ask for concurrence or presentation of a workable alternative.

Call in number: 1-866-299-3188

Access code: 303-312-6712#

I will open the line from Region 8.

[attachment "Section F4 revision 3.docx" deleted by Leonid Kopylev/DC/USEPA/US]
[attachment "Figure F4.1 (LOESS).pdf" deleted by Leonid Kopylev/DC/USEPA/US]
[attachment "Figure F4.2 (trionize independent b).pdf" deleted by Leonid Kopylev/DC/USEPA/US] [attachment "Figure F4.3 (trionize common b).pdf" deleted by Leonid Kopylev/DC/USEPA/US] [attachment "Figure F4.4 (bkg fit).pdf" deleted by Leonid Kopylev/DC/USEPA/US]